

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 09/856,933
Source: PTO9
Date Processed by STIC: ~~6/18/01~~ 3-14-06

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RAW SEQUENCE LISTING

DATE: 03/14/2006

PATENT APPLICATION: US/09/856,933

TIME: 16:38:37

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03142006\I856933.raw

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3 <110> APPLICANT: Max-Planck-Gesellschaft zur Forderung der Wissensc
5 <120> TITLE OF INVENTION: Recombinant soluble Fc receptors
7 <130> FILE REFERENCE: 19290PWO recombinant soluble FcR
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/856,933
C--> 9 <141> CURRENT FILING DATE: 2001-05-30
9 <150> PRIOR APPLICATION NUMBER: PCT/EP/99/09440
10 <151> PRIOR FILING DATE: 1999-12-03
12 <150> PRIOR APPLICATION NUMBER: EP98122969.3
13 <151> PRIOR FILING DATE: 1998-12-03
15 <160> NUMBER OF SEQ ID NOS: 18
17 <170> SOFTWARE: PatentIn Ver. 2.1
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20 <211> LENGTH: 269
21 <212> TYPE: PRT
22 <213> ORGANISM: Homo sapiens
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31 Ser Thr Gln Trp Phe Leu Asn Gly Thr Ala Thr Gln Thr Ser Thr Pro
32 35 40 45
34 Ser Tyr Arg Ile Thr Ser Ala Ser Val Asn Asp Ser Gly Glu Tyr Arg
35 50 55 60
37 Cys Gln Arg Gly Leu Ser Gly Arg Ser Asp Pro Ile Gln Leu Glu Ile
38 65 70 75 80
40 His Arg Gly Trp Leu Leu Leu Gln Val Ser Ser Arg Val Phe Thr Glu
41 85 90 95
43 Gly Glu Pro Leu Ala Leu Arg Cys His Ala Trp Lys Asp Lys Leu Val
44 100 105 110
46 Tyr Asn Val Leu Tyr Tyr Arg Asn Gly Lys Ala Phe Lys Phe Phe His
47 115 120 125
49 Trp Asn Ser Asn Leu Thr Ile Leu Lys Thr Asn Ile Ser His Asn Gly
50 130 135 140
52 Thr Tyr His Cys Ser Gly Met Gly Lys His Arg Tyr Thr Ser Ala Gly
53 145 150 155 160
55 Ile Ser Val Thr Val Lys Glu Leu Phe Pro Ala Pro Val Leu Asn Ala
56 165 170 175
58 Ser Val Thr Ser Pro Leu Leu Glu Gly Asn Leu Val Thr Leu Ser Cys
59 180 185 190
61 Glu Thr Lys Leu Leu Leu Gln Arg Pro Gly Leu Gln Leu Tyr Phe Ser
62 195 200 205
64 Phe Tyr Met Gly Ser Lys Thr Leu Arg Gly Arg Asn Thr Ser Ser Glu

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67 Tyr Gln Ile Leu Thr Ala Arg Arg Glu Asp Ser Gly Leu Tyr Trp Cys
68 225      230      235      240
70 Glu Ala Ala Thr Glu Asp Gly Asn Val Leu Lys Arg Ser Pro Glu Leu
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74      260      265
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87 Asn Val Leu Gln Glu Asp Ser Val Thr Leu Thr Cys Gln Gly Ala Arg
88      20      25      30
90 Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe His Asn Gly Asn Leu Ile
91      35      40      45
93 Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp
94      50      55      60
96 Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser Leu Ser Asp Pro
97 65      70      75      80
99 Val His Leu Thr Val Leu Ser Glu Trp Leu Val Leu Gln Thr Pro His
100      85      90      95
102 Leu Glu Phe Gln Glu Gly Glu Thr Ile Met Leu Arg Cys His Ser Trp
103      100      105      110
105 Lys Asp Lys Pro Leu Val Lys Val Thr Phe Phe Gln Asn Gly Lys Ser
106      115      120      125
108 Gln Lys Phe Ser Arg Leu Asp Pro Thr Phe Ser Ile Pro Gln Ala Asn
109      130      135      140
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114 Leu Phe Ser Ser Lys Pro Val Thr Ile Thr Val Gln Val Pro
115      165      170
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122 <213> ORGANISM: Homo sapiens
124 <400> SEQUENCE: 3
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128 Gln Trp Ile Asn Val Leu Gln Glu Asp Ser Val Thr Leu Thr Cys Arg
129      20      25      30
131 Gly Thr His Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe His Asn Gly
132      35      40      45
134 Asn Leu Ile Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn
135      50      55      60
137 Asn Asn Asp Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser Leu
138 65      70      75      80

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140 Ser Asp Pro Val His Leu Thr Val Leu Ser Glu Trp Leu Val Leu Gln
141      85      90      95
143 Thr Pro His Leu Glu Phe Gln Glu Gly Glu Thr Ile Val Leu Arg Cys
144      100      105      110
146 His Ser Trp Lys Asp Lys Pro Leu Val Lys Val Thr Phe Phe Gln Asn
147      115      120      125
149 Gly Lys Ser Lys Lys Phe Ser Arg Ser Asp Pro Asn Phe Ser Ile Pro
150      130      135      140
152 Gln Ala Asn His Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile
153 145      150      155      160
155 Gly Tyr Thr Leu Tyr Ser Ser Lys Pro Val Thr Ile Thr Val Gln Ala
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158 Pro Ser Ser Ser Pro Met Gly Ile Ile
159      180      185
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165 <212> TYPE: PRT
166 <213> ORGANISM: Homo sapiens
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172 Trp Tyr Ser Val Leu Glu Lys Asp Ser Val Thr Leu Lys Cys Gln Gly
173      20      25      30
175 Ala Tyr Ser Pro Glu Asp Asn Ser Thr Gln Trp Phe His Asn Glu Ser
176      35      40      45
178 Leu Ile Ser Ser Gln Ala Ser Ser Tyr Phe Ile Asp Ala Ala Thr Val
179      50      55      60
181 Asn Asp Ser Gly Glu Tyr Arg Cys Gln Thr Asn Leu Ser Thr Leu Ser
182 65      70      75      80
184 Asp Pro Val Gln Leu Glu Val His Ile Gly Trp Leu Leu Leu Gln Ala
185      85      90      95
187 Pro Arg Trp Val Phe Lys Glu Glu Asp Pro Ile His Leu Arg Cys His
188      100      105      110
190 Ser Trp Lys Asn Thr Ala Leu His Lys Val Thr Tyr Leu Gln Asn Gly
191      115      120      125
193 Lys Asp Arg Lys Tyr Phe His His Asn Ser Asp Phe His Ile Pro Lys
194      130      135      140
196 Ala Thr Leu Lys Asp Ser Gly Ser Tyr Phe Cys Arg Gly Leu Val Gly
197 145      150      155      160
199 Ser Lys Asn Val Ser Ser Glu Thr Val Asn Ile Thr Ile Thr Gln Gly
200      165      170      175
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208 <211> LENGTH: 183
209 <212> TYPE: PRT
210 <213> ORGANISM: Homo sapiens
212 <400> SEQUENCE: 5
213 Met Ala Val Pro Gln Lys Pro Lys Val Ser Leu Asn Pro Pro Trp Asn
214 1      5      10      15
216 Arg Ile Phe Lys Gly Glu Asn Val Thr Leu Thr Cys Asn Gly Asn Asn

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217          20          25          30
219 Phe Phe Glu Val Ser Ser Thr Lys Trp Phe His Asn Gly Ser Leu Ser
220          35          40          45
222 Glu Glu Thr Asn Ser Ser Leu Asn Ile Val Asn Ala Lys Phe Glu Asp
223          50          55          60
225 Ser Gly Glu Tyr Lys Cys Gln His Gln Gln Val Asn Glu Ser Glu Pro
226 65          70          75          80
228 Val Tyr Leu Glu Val Phe Ser Asp Trp Leu Leu Leu Gln Ala Ser Ala
229          85          90          95
231 Glu Val Val Met Glu Gly Gln Pro Leu Phe Leu Arg Cys His Gly Trp
232          100          105          110
234 Arg Asn Trp Asp Val Tyr Lys Val Ile Tyr Tyr Lys Asp Gly Glu Ala
235          115          120          125
237 Leu Lys Tyr Trp Tyr Glu Asn His Asn Ile Ser Ile Thr Asn Ala Thr
238          130          135          140
240 Val Glu Asp Ser Gly Thr Tyr Tyr Cys Thr Gly Lys Val Trp Gln Leu
241 145          150          155          160
243 Asp Tyr Glu Ser Glu Pro Leu Asn Ile Thr Val Ile Lys Ala Pro Arg
244          165          170          175
246 Glu Lys Tyr Trp Leu Gln Phe
247          180
251 <210> SEQ ID NO: 6
252 <211> LENGTH: 275
253 <212> TYPE: PRT
254 <213> ORGANISM: Homo sapiens
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258 1          5          10          15
260 Asn Val Ser Gln Val Ser Lys Asn Leu Glu Ser His His Gly Asp Gln
261          20          25          30
263 Met Thr Gln Lys Ser Gln Ser Thr Gln Ile Ser Gln Glu Leu Glu Glu
264          35          40          45
266 Leu Arg Ala Glu Gln Gln Arg Leu Lys Ser Gln Asp Leu Glu Leu Ser
267          50          55          60
269 Trp Asn Leu Asn Gly Leu Gln Ala Asp Leu Ser Ser Phe Lys Ser Gln
270 65          70          75          80
272 Glu Leu Asn Glu Arg Asn Glu Ala Ser Asp Leu Leu Glu Arg Leu Arg
273          85          90          95
275 Glu Glu Val Thr Lys Leu Arg Met Glu Leu Gln Val Ser Ser Gly Phe
276          100          105          110
278 Val Cys Asn Thr Cys Pro Glu Lys Trp Ile Asn Phe Gln Arg Lys Cys
279          115          120          125
281 Tyr Tyr Phe Gly Lys Gly Thr Lys Gln Trp Val His Ala Arg Tyr Ala
282          130          135          140
284 Cys Asp Asp Met Glu Gly Gln Leu Val Ser Ile His Ser Pro Glu Glu
285 145          150          155          160
287 Gln Asp Phe Leu Thr Lys His Ala Ser His Thr Gly Ser Trp Ile Gly
288          165          170          175
290 Leu Arg Asn Leu Asp Leu Lys Gly Glu Phe Ile Trp Val Asp Gly Ser

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291          180          185          190
293 His Val Asp Tyr Ser Asn Trp Ala Pro Gly Glu Pro Thr Ser Arg Ser
294          195          200          205
296 Gln Gly Glu Asp Cys Val Met Met Arg Gly Ser Gly Arg Trp Asn Asp
297          210          215          220
299 Ala Phe Cys Asp Arg Lys Leu Gly Ala Trp Val Cys Asp Arg Leu Ala
300 225          230          235          240
302 Thr Cys Thr Pro Pro Ala Ser Glu Gly Ser Ala Glu Ser Met Gly Pro
303          245          250          255
305 Asp Ser Arg Pro Asp Pro Asp Gly Arg Leu Pro Thr Pro Ser Ala Pro
306          260          265          270
308 Leu His Ser
309          275
313 <210> SEQ ID NO: 7
314 <211> LENGTH: 820
315 <212> TYPE: DNA
316 <213> ORGANISM: Homo sapiens
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320 accttgcact gtgaggtgct ccatctgcct gggagcagct ctacacagtg gtttctcaat 120
321 ggcacagcca ctcagacctc gacccccagc tacagaatca cctctgccag tgtcaatgac 180
322 agtgggtgaat acaggtgccg gagaggtctc tcagggcgaa gtgaccccat acagctggaa 240
323 atccacagag gctggctact actgcaggtc tccagcagag tcttcacgga aggagaacct 300
324 ctggccttga ggtgtcatgc gtggaaggat aagctggtgt acaatgtgct ttactatcga 360
325 aatggcaaag cctttaagtt tttccactgg aattctaacc tcaccattct gaaaaccaac 420
326 ataagtcaca atggcaccta ccattgctca ggcattggaa agcatcgcta cacatcagca 480
327 ggaatatctg tcaactgtga agagctatct ccagctccag tgctgaatgc atctgtgaca 540
329 tccccactcc tggaggggaa tctggtcacc ctgagctgtg aaacaaagtt gctcttgca 600
330 aggcctgggt tgcagcttta cttctccttc tacatgggca gcaagaccct gcgaggcagg 660
331 aacacatcct ctgaatacca aatactaact gctagaagag aagactctgg gttatactgg 720
332 tgcgaggctg ccacagagga tggaaatgtc cttaagcgca gccctgagtt ggagcttcaa 780
333 gtgcttgccc tccagttacc aactcctgtc tagtctcgag 820
336 <210> SEQ ID NO: 8
337 <211> LENGTH: 533
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339 <213> ORGANISM: Homo sapiens
341 <400> SEQUENCE: 8
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343 caggaggact ctgtgactct gacatgccag ggggtcgca gccctgagag cgactccatt 120
344 cagtggttcc acaatgggaa tctcattecc acccacagc agccagcta caggttcaag 180
345 gccacaaca atgacagcgg ggagtacacg tgccagactg gccagaccag cctcagcgac 240
346 cctgtgcata tgaactgtgt ttcgaatgg ctggtgctcc agaccctca cctggagttc 300
347 caggaggagg aaaccatcat gctgaggtgc cacagctgga aggacaagcc tctggtcaag 360
348 gtcacattct tccagaatgg aaaatcccag aaattctccc gtttggatcc cacttctcc 420
349 atcccacaag caaaccacag tcacagtggg gattaccact gcacaggaaa cataggctac 480
350 acgctgttct catccaagcc tgtgaccatc actgtccaag tgccctgaag ctt 533
353 <210> SEQ ID NO: 9
354 <211> LENGTH: 569
355 <212> TYPE: DNA

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VERIFICATION SUMMARY

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Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03142006\I856933.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date